

## DPT Abstract of Assessment Data Interchange File Format

### Final Draft – June 10, 2005

The Abstract of Assessment data interchange is composed of five delimited text files: **Abstract\_Value.csv**, **CBOE\_Changes.csv**, **New\_Const.csv**, **City\_Town.csv**, and **School\_District.csv**. A description and file layout for each file can be found below. In all cases, fields are to be delimited by commas and text fields are to be enclosed in double quotes. If you have questions or need more information, please contact Mark Krudwig (303-866-3591) or Hussein Ali (303-866-2689) at the Colorado Dept. of Local Affairs.

The **Abstract\_Value.csv** file contains the assessed value and counts for every subclass, whether the county is reporting a non-zero assessed value for the subclass or not. The assessed values do not have to be rounded to the nearest \$10. This file is to be submitted *before* CBOE adjustments. The file layout is as follows:

Abstract_Value.csv					
#	Field Name	Size <sup>1</sup>	Type <sup>2</sup>	Description	Example
1	County_Name	20	A	County name in uppercase and enclosed in double quotes. For example, report "SHINE" not "Shine County"	"CLEAR CREEK"
2	Year	4	N	Four-digit tax year.	2004
3	Subclass_Code <sup>3</sup>	4	A	Four-digit state-assigned subclass code, enclosed in double quotes. The field must be zero-padded on the left, as necessary.	"0520"
4	Count1	11	N	Report count #1 for the specified subclass. <i>Note that this column does not apply to the following subclasses: 0600, 1240, 1250, 2212, 2215, 2220, 2225, 2227, 2230, 2235, 2240, 2250, 3212, 3215, 3220, 3225, 4279, 4280, 5210, 5220, 5240, 6210, 6220, 6230, 6240, 6250, 7210, 7220, 7230, 7240, 7245, 7247, 7250, 7255, 8299, 8499, 9210, 9219, 9220, 9229, 9230, 9239, 9240, 9249, 9250, 9259, 9260, 9269, 9270, 9279, and 9299. It must be reported as zero for these subclasses.</i> Use whole units with an optional leading plus sign, but omit commas and decimals. The value must be greater than or equal to zero.	+99876
5	Count2	11	N	Report count #2, if needed, for the specified subclass. <i>Note that this column applies only to the following subclasses: 5110, 5120, 6110, 6120, 6130, 6140, 6150, 7110, 7120, 7130, 7140, 7145, 7147, and 7150. It must be reported as zero for all other subclasses.</i> Use whole units with an optional leading plus sign, but omit commas and decimals. The value must be greater than or equal to zero.	+101
6	Assessed_Value	13	N	Report the assessed value for the specified subclass. Use whole dollars with an optional leading plus sign and omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456

<sup>1</sup> The Size column shows the *maximum* length of the field, excluding quotes for alphanumeric fields but including the sign for numeric fields.

<sup>2</sup> An "A" in the Type column indicates the field is alphanumeric, while an "N" indicates it is a numeric field.

<sup>3</sup> See the Assessors Reference Library (ARL) for the list of valid values.

## DPT Abstract of Assessment Data Interchange File Format

**Final Draft – June 10, 2005**

The **CBOE\_Changes.csv** file layout is very similar to the **Abstract\_Value.csv** file except that it contains the CBOE adjustments to every subclass. Therefore, the assessed value field may be either positive or negative. The assessed value do not have to be rounded to the nearest \$10. The file layout is as follows:

<b>CBOE_Changes.csv</b>					
#	Field Name	Size <sup>4</sup>	Type <sup>5</sup>	Description	Example
1	County_Name	20	A	County name in uppercase and enclosed in double quotes. For example, report "SHINE" not "Shine County"	"CLEAR CREEK"
2	Year	4	N	Four-digit tax year.	2004
3	Subclass_Code <sup>6</sup>	4	A	Four-digit state-assigned subclass code, enclosed in double quotes. The field must be zero-padded on the left, as necessary.	"0520"
4	Count	10	N	Report the number of CBOE changes for the specified subclass. Use whole units with an optional leading plus sign, but omit commas and decimals. The value must be greater than or equal to zero.	+3
5	Assessed_Value	13	N	Report the CBOE <i>adjustment</i> to the assessed value. Use whole dollars with a leading plus or minus sign, but omit commas, decimals and dollar signs. If the value is negative, it cannot reduce the net value below zero.	-123456

<sup>4</sup> The Size column shows the *maximum* length of the field, excluding quotes for alphanumeric fields but including the sign for numeric fields.

<sup>5</sup> An "A" in the Type column indicates the field is alphanumeric, while an "N" indicates it is a numeric field.

<sup>6</sup> See the Assessor's Reference Library (ARL) for the list of valid values.

**DPT Abstract of Assessment Data Interchange File Format**  
**Final Draft – June 10, 2005**

The **New\_Const.csv** file contains summary assessed values for new construction and demolition for each property class for each school district in the county. Assessed values for new construction must be greater than or equal to zero. Assessed values for demolition must be less than or equal to zero. (Note that there is no demolition value for the State Assessed class.) The assessed values do not have to be rounded to the nearest \$10. This file is to be submitted *after* CBOE changes are finalized. The file layout is as follows:

New_Const.csv					
#	Field Name	Size <sup>7</sup>	Type <sup>8</sup>	Description	Example
1	County_Name	20	A	County name in uppercase and enclosed in double quotes. For example, report "SHINE" not "Shine County"	"CLEAR CREEK"
2	Year	4	N	Four-digit tax year.	2005
3	School_District_Name <sup>9</sup>	100	A	Name of the school district in uppercase and enclosed in double quotes. Please use "COUNTY TOTAL" for the sum of all new constructions and demolitions.	"LIBERTY J-4"  OR  "COUNTY TOTAL"
4	CDE_Id	4	N	The Colorado department of education school district number. (Optional)	130
5	Residential_Real_New	13	N	Report the assessed value of new construction for Residential Real property, <i>including</i> Farm/Ranch Residences (4277) and Farm/Ranch Manufactured Housing (4278), but <i>excluding</i> Residential Personal Property (1410). Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs.	+123456
6	Residential_Real_Demo	13	N	Report the assessed value of demolitions for Residential Real property, <i>including</i> Farm/Ranch Residences (4277) and Farm/Ranch Manufactured Housing (4278). Use whole dollars with a leading minus sign, but omit commas, decimals and dollar signs.	-123456
7	Residential_Personal_New	13	N	Report the assessed value of new construction for Residential Personal property. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs.	+123456

<sup>7</sup> The Size column shows the *maximum* length of the field, excluding quotes for alphanumeric fields but including the sign for numeric fields.

<sup>8</sup> An "A" in the Type column indicates the field is alphanumeric, while an "N" indicates it is a numeric field.

<sup>9</sup> Please browse to [http://www.dola.state.co.us/LGS/LocalGovtInfo/LGOV\\_A.HTM](http://www.dola.state.co.us/LGS/LocalGovtInfo/LGOV_A.HTM) to see the list of active local governments.

**DPT Abstract of Assessment Data Interchange File Format**  
**Final Draft – June 10, 2005**

New_Const.csv					
#	Field Name	Size <sup>7</sup>	Type <sup>8</sup>	Description	Example
8	Residential_Personal_Demo	13	N	Report the assessed value of demolitions for Residential Personal property. Use whole dollars with a leading minus sign, but omit commas, decimals and dollar signs.	-123456
9	Commercial_New	13	N	Report the assessed value of new construction for Commercial property. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs.	+123456
10	Commercial_Demo	13	N	Report the assessed value of demolitions for Commercial Real and Personal property. Use whole dollars with a leading minus sign, but omit commas, decimals and dollar signs.	-123456
11	Industrial_New	13	N	Report the assessed value of new construction for Industrial Real and Personal property. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs.	+123456
12	Industrial_Demo	13	N	Report the assessed value of demolitions for Industrial Real and Personal property. Use whole dollars with a leading minus sign, but omit commas, decimals and dollar signs.	-123456
13	Agricultural_New	13	N	Report the assessed value of new construction for Agricultural Real and Personal property, <i>excluding</i> Farm/Ranch Residences (4277) and Farm/Ranch Manufactured Housing (4278). Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs.	+123456
14	Agricultural_Demo	13	N	Report the assessed value of demolitions for Agricultural Real and Personal property, <i>excluding</i> Farm/Ranch Residences (4277) and Farm/Ranch Manufactured Housing (4278). Use whole dollars with a leading minus sign, but omit commas, decimals and dollar signs.	-123456
15	Natural_Resources_New	13	N	Report the assessed value of new construction for Natural Resources Real and Personal property. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs.	+123456

**DPT Abstract of Assessment Data Interchange File Format  
Final Draft – June 10, 2005**

New_Const.csv					
#	Field Name	Size <sup>7</sup>	Type <sup>8</sup>	Description	Example
16	Natural_Resources_Demo	13	N	Report the assessed value of demolitions for Natural Resources Real and Personal property. Use whole dollars with a leading minus sign, but omit commas, decimals and dollar signs.	-123456
17	Producing_Mine_New	13	N	Report the assessed value of new construction for Producing Mine Real and Personal property. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs.	+123456
18	Producing_Mine_Demo	13	N	Report the assessed value of demolitions for Producing Mine Real and Personal property. Use whole dollars with a leading minus sign, but omit commas, decimals and dollar signs.	-123456
19	Oil_Gas_New	13	N	Report the assessed value of new construction for Oil and Gas Real and Personal property. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs.	+123456
20	Oil_Gas_Demo	13	N	Report the assessed value of demolitions for Oil and Gas Real and Personal property. Use whole dollars with a leading minus sign, but omit commas, decimals and dollar signs.	-123456
21	State_Assessed_New	13	N	Report the assessed value of new construction for State Assessed Real and Personal property. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs.	+123456

## DPT Abstract of Assessment Data Interchange File Format

**Final Draft – June 10, 2005**

The **City\_Town.csv** file contains summary assessed values for each property class for each city or town in the county. The assessed values do not have to be rounded to the nearest \$10. This file is to be submitted *after* CBOE changes have been finalized. The file layout is as follows:

City_Town.csv					
#	Field Name	Size <sup>10</sup>	Type <sup>11</sup>	Description	Example
1	County_Name	20	A	County name in uppercase and enclosed in double quotes. For example, report "SHINE" not "Shine County"	"CLEAR CREEK"
2	Year	4	N	Four-digit tax year.	2004
3	Muni_Name <sup>12</sup>	20	A	Name of the city or town in uppercase and enclosed in double quotes.	"GREENWOOD VILLAGE"
4	Vacant_AV	13	N	Report the total assessed value of Vacant property. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456
5	Residential_AV	13	N	Report the total assessed value of Residential property, <i>including</i> Farm/Ranch Residences (4277) and Farm/Ranch Manufactured Housing (4278), but <i>excluding</i> Residential Personal Property (1410). Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456
6	Commercial_AV	13	N	Report the total assessed value of Commercial property, <i>including</i> Residential Personal Property (1410). Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456
7	Industrial_AV	13	N	Report the total assessed value of Industrial property. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456

<sup>10</sup> The Size column shows the *maximum* length of the field, excluding quotes for alphanumeric fields but including the sign for numeric fields.

<sup>11</sup> An "A" in the Type column indicates the field is alphanumeric, while an "N" indicates it is a numeric field.

<sup>12</sup> Please browse to [http://www.dola.state.co.us/LGS/LocalGovtInfo/LGOV\\_A.HTM](http://www.dola.state.co.us/LGS/LocalGovtInfo/LGOV_A.HTM) to see the list of active local governments.

**DPT Abstract of Assessment Data Interchange File Format  
Final Draft – June 10, 2005**

City_Town.csv					
#	Field Name	Size <sup>10</sup>	Type <sup>11</sup>	Description	Example
8	Agricultural_AV	13	N	Report the total assessed value of Agricultural property, <i>excluding</i> Farm/Ranch Residences (4277) and Farm/Ranch Manufactured Housing (4278). Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456
9	Natural_Resources_AV	13	N	Report the total assessed value of Natural Resources property. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456
10	Producing_Mine_AV	13	N	Report the total assessed value of Producing Mine property. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456
11	Oil_Gas_AV	13	N	Report the total assessed value of Oil and Gas property. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456
12	State_Assessed_AV	13	N	Report the total assessed value of State Assessed property. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456
13	Base_AV	13	N	Report the total assessed value of the base for the specified city or town. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456
14	Increment_AV	13	N	Report the total assessed value of the increment for the specified city or town. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456

Note that (Base\_AV plus Increment\_AV) must equal (Vacant\_AV plus Residential\_AV plus Commercial\_AV plus Industrial\_AV plus Agricultural\_AV plus Natural\_Resources\_AV plus Producing\_Mine\_AV plus Oil\_Gas\_AV plus State\_Assessed\_AV).

**DPT Abstract of Assessment Data Interchange File Format**  
**Final Draft – June 10, 2005**

The **School\_District.csv** file contains summary assessed values for each property class for each school district in the county. The assessed values do not have to be rounded to the nearest \$10. This file is to be submitted *after* CBOE changes have been finalized. The file layout is as follows:

<b>School_District.csv</b>					
#	Field Name	Size <sup>13</sup>	Type <sup>14</sup>	Description	Example
1	County_Name	20	A	County name in uppercase and enclosed in double quotes. For example, report "SHINE" not "Shine County"	"CLEAR CREEK"
2	Year	4	N	Four-digit tax year.	2004
3	School_District_Name <sup>15</sup>	35	A	Name of the school district in uppercase and enclosed in double quotes.	"LIBERTY J-4"
4	Vacant_AV	13	N	Report the total assessed value of Vacant property. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456
5	Residential_AV	13	N	Report the total assessed value of Residential property, <i>including</i> Farm/Ranch Residences (4277) and Farm/Ranch Manufactured Housing (4278), but <i>excluding</i> Residential Personal Property (1410). Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456
6	Commercial_AV	13	N	Report the total assessed value of Commercial property, <i>including</i> Residential Personal Property (1410). Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456
7	Industrial_AV	13	N	Report the total assessed value of Industrial property. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456
8	Agricultural_AV	13	N	Report the total assessed value of Agricultural property, <i>excluding</i> Farm/Ranch Residences (4277) and Farm/Ranch Manufactured Housing (4278). Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456

<sup>13</sup> The Size column shows the *maximum* length of the field, excluding quotes for alphanumeric fields but including the sign for numeric fields.

<sup>14</sup> An "A" in the Type column indicates the field is alphanumeric, while an "N" indicates it is a numeric field.

<sup>15</sup> Please browse to [http://www.dola.state.co.us/LGS/LocalGovtInfo/LGOV\\_A.HTM](http://www.dola.state.co.us/LGS/LocalGovtInfo/LGOV_A.HTM) to see the list of active local governments.



**DPT Abstract of Assessment Data Interchange File Format  
Final Draft – June 10, 2005**

<b>School_District.csv</b>					
<b>#</b>	<b>Field Name</b>	<b>Size<sup>13</sup></b>	<b>Type<sup>14</sup></b>	<b>Description</b>	<b>Example</b>
9	Natural_Resources_AV	13	N	Report the total assessed value of Natural Resources property. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456
10	Producing_Mine_AV	13	N	Report the total assessed value of Producing Mine property. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456
11	Oil_Gas_AV	13	N	Report the total assessed value of Oil and Gas property. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456
12	State_Assessed_AV	13	N	Report the total assessed value of State Assessed property. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456
13	Base_AV	13	N	Report the total assessed value of the base for the specified school district. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456
14	Increment_AV	13	N	Report the total assessed value of the increment for the specified school district. Use whole dollars with an optional leading plus sign, but omit commas, decimals and dollar signs. The value must be greater than or equal to zero.	+123456

Note that (Base\_AV plus Increment\_AV) must equal (Vacant\_AV plus Residential\_AV plus Commercial\_AV plus Industrial\_AV plus Agricultural\_AV plus Natural\_Resources\_AV plus Producing\_Mine\_AV plus Oil\_Gas\_AV plus State\_Assessed\_AV).